

FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010501 SBDS01SS</u>	Date: <u>5/1/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Overcast/rainy</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: _____</p> <p>P.I.D./FID Calibration Date : _____</p> <p>Soil Type: (USCS) <u>GP</u></p> <p>Description: <u>Poorly graded sandy gravel, brown-gray,</u> <u>saturated (see field notebook for description).</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A – Dedicated steel spoon,</u> <u>gloves</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location: <u>Sandblast Building</u> <u>Drain System #1 (easternmost drain)</u></p> <p>Sample Depth: _____</p> <p>Sample Time: <u>1730</u></p> <p>Number of Sample Containers: <u>9</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1. VOC</td> <td style="width: 50%;">2. PCBs</td> </tr> <tr> <td>3. Butyltins</td> <td>4. TOC</td> </tr> <tr> <td>5. Metals</td> <td>6. NWTPH-HCID</td> </tr> <tr> <td>7. SVOCs</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: _____</p> <p>_____</p> <p>QA/QC samples: <u>Duplicate, QA, MS/MSD**</u></p> <p>Sampling Method: <u>Grab</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>B.P. McNamara/M. Novak</u></p> <p>Signature: _____</p>	Analyses		1. VOC	2. PCBs	3. Butyltins	4. TOC	5. Metals	6. NWTPH-HCID	7. SVOCs	8.
Analyses											
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3. Butyltins	4. TOC										
5. Metals	6. NWTPH-HCID										
7. SVOCs	8.										

<p><u>**Collected primary & QA (both with the same label identification)</u></p> <p><u>Collected duplicate sample #010501SBMS02SS</u></p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Sediment collected from catchbasin. Approximately 6" standing water. Had to remove catch basin lid and sediment blanket to collect the sample from within the catchbasin.</u></p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010501 SBDS03SS</u>	Date: <u>5/1/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Overcast/rainy</u>	Sample Matrix: <u>Sediment</u>	
		Comments: <u>Poor Sample – Mostly gravel</u>

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>GP-GW</u></p> <p>Description: <u>Poorly graded to well graded gravel (90%) with some sand (10%), poorly graded, brown-gray, saturated, very little fines.</u></p> <p>Decontamination Method: <u>None – Dedicated stainless steel spoon, gloves.</u></p>	<p>Sample Location: <u>Sandblast Building</u></p> <p><u>Drain System – Drain #2 (westernmost drain)</u></p> <p>Sample Depth: _____</p> <p>Sample Time: <u>1800</u></p> <p>Number of Sample Containers: <u>2</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1. VOC</td> <td style="width: 50%;">2. PCBs</td> </tr> <tr> <td>3. Butyltins</td> <td>4. TOC</td> </tr> <tr> <td>5. Metals</td> <td>6. NWTPH-HCID</td> </tr> <tr> <td>7. SVOCs</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Grab</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>B.P. McNamara/M. Novak</u></p> <p>Signature: _____</p>	Analyses		1. VOC	2. PCBs	3. Butyltins	4. TOC	5. Metals	6. NWTPH-HCID	7. SVOCs	8.
Analyses											
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3. Butyltins	4. TOC										
5. Metals	6. NWTPH-HCID										
7. SVOCs	8.										

<p>Water Quality Observations: <u>N/A</u></p>	
<p>Invertebrate Sample Observations: <u>N/A</u></p>	
<p>General Comments: <u>Poor sample due to prevalence of gravel and pebbles. Could only fill 2 out of 3 sample containers. Sample mainly consisted of gravel that fell through catchbasin grate (no sediment blanket present). Sample not analyzed.</u></p>	

FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010502IW01SS</u>	Date: <u>5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Overcast - 55°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>GP-SP</u></p> <p>Description: <u>Poorly graded gravel and gravelly sand (gravel 80%, sand 15%, cobbles 5%); rounded cobbles up to 4" in diameter. Sand was brown-dark gray, saturated. Very little fines present.</u></p> <p>Decontamination Method: <u>None – Dedicated stainless steel spoon</u></p>	<p>Sample Location: <u>Pile #2 - East Perimeter of pile</u></p> <p>Sample Depth: <u>~ 35' below surface of river</u></p> <p>Sample Time: <u>1040</u></p> <p>Number of Sample Containers: <u>jar, bag (grain size)</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1. 8082</td> <td style="width: 50%;">2. Metals</td> </tr> <tr> <td>3. 8081</td> <td>4. NWTPH-HCID</td> </tr> <tr> <td>5. 8151</td> <td>6. 9060</td> </tr> <tr> <td>7. 8270</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: _____</p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: <u>N/A</u></p> <p>Sampler (s): <u>R. La Plant, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1. 8082	2. Metals	3. 8081	4. NWTPH-HCID	5. 8151	6. 9060	7. 8270	8.
Analyses											
1. 8082	2. Metals										
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7. 8270	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample containers and spoon. Diver placed sediment into containers and returned to boat with the collected sample.</u></p> <p>_____</p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010502IW02SS</u>	Date: <u>5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Partly Sunny - 55°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D/FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>GP-SP</u></p> <p>Description: <u>Poorly graded gravel and gravelly sand (gravel 80%, sand 15%, cobbles 5%) Rounded cobbles up to 4" in diameter. Sand was brown-dark gray, saturated. Very little fines present.</u></p> <p>Decontamination Method: <u>None – Dedicated stainless steel spoon.</u></p>	<p>Sample Location: <u>Pile #2</u></p> <p>Sample Depth: <u>40' below surface of river</u></p> <p>Sample Time: <u>1030</u></p> <p>Number of Sample Containers: <u>2 glass jars</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td>1.</td><td>2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: _____</p> <p>Sampling Method: <u>Diver collected sample with spoon</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>R. La Plant, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample containers and spoon. Diver placed sediment into containers and returned to boat with the collected sample.</u></p> <p>_____</p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment-Water Column</u>	Sample Number: <u>010502IW03WCS</u>	Date: <u>5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 60°F</u>	Sample Matrix: <u>Water Column, sediment, water</u>	Comments: <u>Collected duplicate, MS, MSD</u>

PID/FID Backgd: <u>N/A / N/A</u> ppm	Sample Location: <u>Pile #1 - Within Pile at previous sample location 001219BIL03SD</u>										
Head Space <u>N/A / N/A</u> ppm	Sample Depth: <u>12' below water surface</u>										
P.I.D/FID Calibration Standard: <u>N/A</u>	Sample Time: <u>1400</u>										
P.I.D./FID Calibration Date : <u>N/A</u>	No. of Sample Containers: <u>1 glass jar, 4 1 gal. amber bottles</u>										
Soil Type: (USCS) <u>GP-SP</u>	<table border="1"> <thead> <tr> <th colspan="2">Analyses</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										
Description: <u>Poorly graded gravel and gravelly sand (gravel 50%, sand 40%). Sand was brown-dark gray, saturated. Very little fines present (<10%).</u>	Other Field Measurements: <u>N/A</u>										
	QA/QC samples: <u>Duplicate, MS, MSD</u>										
	Sampling Method: <u>Grab (sediment), peristaltic pump (water)</u>										
Decontamination Method: <u>None – Dedicated stainless steel spoon for sediment, new PVC tubing (3/8" OD, 1/4" ID) for water.</u>	Grab: <u>X</u> Composite: _____										
	Sampler (s): <u>B. Dye, B.P. McNamara, M. Novak</u>										
	Signature: _____										

Water Quality Observations: <u>Collected duplicate sample #010502IW05WCS at 1410. Collected water column sediment sample #010502IW04SS.</u>
Invertebrate Sample Observations: <u>N/A</u>
General Comments: <u>Diver proceeded to river bottom from the boat with sample container, spoon, and peristaltic pump tubing. Diver placed sediment into container with spoon. Diver then agitated water column by hand and the peristaltic pump was used to bring water sample to surface for collection.</u>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Water Column</u>	Sample Number: <u>010502IW06WCS</u>	Date: <u>5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 65°F</u>	Sample Matrix: <u>Water Column (sediment and water)</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D/FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>GP-SP</u> Description: <u>Poorly graded gravel and gravelly sand (gravel 60%, coarse sand 35%, fines 5%). Sand was brown-dark gray, saturated.</u> _____ _____ _____ _____ _____ _____ _____ Decontamination Method: <u>None – Dedicated stainless steel spoon for Sediment, new PVC tubing (3/8" OD, 1/4" ID) for water.</u>	Sample Location: <u>Pile #1 within pile and previous sample location 001219BIL01SD</u> Sample Depth: <u>28' below water surface</u> Sample Time: <u>1525</u> No. of Sample Containers: <u>1 glass jar, 1 gallon amber</u> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">1.</td><td style="width: 50%;">2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> </div> Other Field Measurements: <u>N/A</u> _____ QA/QC samples: <u>N/A</u> Sampling Method: <u>Grab (sediment), peristaltic pump (water)</u> Grab: <u>X</u> Composite: _____ Sampler (s): <u>B. Dye, B.P. McNamara, M. Novak</u> Signature: _____	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

Water Quality Observations: <u>Slightly silty. Sand particles observed within PVC tubing. Used approximately 80' of tubing to reach sampling location (located 40' east of island). Gravel particle clogged hose @ about 10 feet from diver. Slow pumping due to this (filled approximately 0.75 gallons in 20-30 min as diver agitated sediment at river bottom).</u> _____ _____ Collected water column sediment sample #010502IW06SS. _____ _____ Invertebrate Sample Observations: <u>N/A</u> _____ _____ _____ _____ _____ General Comments: <u>Diver proceeded to river bottom from the boat with sample container, spoon, and peristaltic pump tubing. Diver placed sediment into container with spoon. Diver then agitated water column by hand and the peristaltic pump was used to bring water sample to surface for collection.</u>
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010502IW07SS</u>	Date: <u>5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 65°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D/FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>GP-SP</u></p> <p>Description: <u>Poorly to well graded gravel and gravelly sand (gravel 60%, coarse sand 35%, fines 5%). Sand was brown-dark gray, saturated.</u></p> <p>Decontamination Method: <u>N/A – Dedicated stainless steel spoon.</u></p>	<p>Sample Location: <u>Pile #1 Perimeter</u></p> <p>Sample Depth: _____</p> <p>Sample Time: <u>1625</u></p> <p>No. of Sample Containers: <u>Glass jar</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">1.</td><td style="width: 50%;">2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: <u>None collected.</u></p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>B. Dye, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
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<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample container and spoon. Diver placed sediment into container and returned to boat with the collected sample.</u></p> <p>_____</p> <p>_____</p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010502IW08SS</u>	Date: <u>5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 65°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>GP-SP</u></p> <p>Description: <u>Poorly to well graded gravel and gravelly sand (gravel 60%, coarse sand 35%, fines 5%). Sand was brown-dark gray, saturated.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>None – Dedicated stainless steel spoon.</u></p> <p>_____</p>	<p>Sample Location: <u>Pile #1 - Perimeter</u></p> <p>_____</p> <p>Sample Depth: _____</p> <p>Sample Time: <u>1645</u></p> <p>No. of Sample Containers: <u>Glass jar</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>_____</p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>B. Dye, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample container and spoon. Diver placed sediment into container and returned to boat with the collected sample.</u></p> <p>_____</p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate - Tissue</u>	Sample Number: <u>010502IW09TS</u>	Date: <u>5/1/01 to 5/2/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Intermittent Rain - 55°F</u>	Sample Matrix: <u>Tissue (Bivalves)</u>	
		Comments: <u>Samples collected from 5/1/01 to 5/2/01</u>

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) _____</p> <p>Description: <u>See Invertebrate Sample observations below.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location: <u>Pile #1. Bivalves collected from various locations throughout pile.</u></p> <p>Sample Depth: <u>Various – collected throughout pile</u></p> <p>Sample Time: <u>Various – collected from 5/1/01 to 5/2/01</u></p> <p>No. of Sample Containers: <u>Two resealable bags</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>Measured length, width & weight.</u></p> <p>_____</p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Grab by Diver</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>D. Tsugawa, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Invertebrate Sample Observations: <u>63 total bivalves (corbicula flumiea) collected. Specimen shells were green-brown, were symmetrical, and were approximately the size of a quarter-dollar coin. Average sizes are as follows:</u></p> <p><u>Length 21.22 millimeters</u></p> <p><u>Width 14.38 millimeters</u></p> <p><u>Weight: 7.87 grams</u></p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Bivalves were collected over two days, while diver performed other tasks. Diver collected specimens from the river bottom and placed them (temporarily) in a dedicated plastic collection container. Diver returned the specimens to the boat where they were measured, wrapped in acetone-rinsed foil, triple-bagged, and placed on ice.</u></p>
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Water Column</u>	Sample Number: <u>010503IW10WCS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 65°F</u>	Sample Matrix: <u>Water Column</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D/FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SW-SP</u></p> <p>Description: <u>Well graded to poorly graded gravelly sand.</u> <u>Color is medium brown to dark grayish brown; saturated</u> <u>(standing water w/in container). Grain size: coarse medium</u> <u>sand 50%; silty (suspended in water) material 15%; gravel (fine</u> <u>to coarse - .20" – 1.5") 30%; organic material 5% (roots, tree</u> <u>twigs).</u></p> <p>Decontamination Method: <u>Dedicated stainless steel spoon for</u> <u>sediment, new PVC tubing (3/8" OD, 1/4" ID) for water.</u></p>	<p>Sample Location: <u>Goose Island – Background Location</u></p> <p>Sample Depth: <u>20' below water surface</u></p> <p>Sample Time: <u>0905</u></p> <p>No. of Sample Containers: <u>1 glass jar & 1 amber gal. bottle</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">1.</td><td style="width: 50%;">2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: _____</p> <p>QA/QC samples: <u>QA</u></p> <p>Sampling Method: <u>Grab and peristaltic pump</u></p> <p>Grab: _____ Composite: _____</p> <p>Sampler (s): <u>D. Tsugawa, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>More silt present in this area of Goose Island. More fine material visible in PVC tubing.</u> <u>Collected water column sediment sample #0105031W10SS. Sediment is described above.</u></p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p> </p> <p> </p> <p> </p> <p> </p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample container, spoon, and peristaltic pump</u> <u>tubing. Diver placed sediment into container with spoon. Diver then agitated water column by hand and the peristaltic</u> <u>pump was used to bring water sample to surface for collection.</u></p>
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Water Column</u>	Sample Number: <u>010503IW11WCS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment, Water</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D/FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SP</u></p> <p>Description: <u>Poorly graded gravelly sand. Color is dark brown; saturated (standing water within container). Coarse to medium sand predominates 60%; gravel is fine (0.25") 30%; water/fines 10%.</u></p> <p>Decontamination Method: <u>None - Dedicated stainless steel spoon for sediment, new PVC tubing (3/8" OD, 1/4" ID) for water.</u></p>	<p>Sample Location: <u>Pile #2 – within pile near lightning arrestor.</u></p> <p>Sample Depth: <u>23' below water surface</u></p> <p>Sample Time: <u>1020</u></p> <p>No. of Sample Containers: <u>3 glass jars, one-gallon amber</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">1.</td><td style="width: 50%;">2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: _____</p> <p>QA/QC samples: <u>Duplicate, MS, MSD</u></p> <p>Sampling Method: _____</p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>D. Tsugawa, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>Collected duplicate sample (#0105031W12SS) in one jar and MS/MSD in one jar (#0105031S11SS).</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample container, spoon, and peristaltic pump tubing. Diver placed sediment into container with spoon. Diver then agitated water column by hand and the peristaltic pump was used to bring water sample to surface for collection.</u></p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010503IW13SS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SP-GP</u></p> <p>Description: <u>Poorly graded gravelly sand. Color is dark brown; saturated (standing water within container). Coarse to medium sand predominates 50-60%; gravel is fine (0.25") 40-50%; water/fines 5%. Standing water present within jar. Gravel size up to 1.5" in diameter.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>None - dedicated stainless steel spoon.</u></p> <p>_____</p>	<p>Sample Location: <u>Pile #2</u></p> <p>_____</p> <p>Sample Depth: <u>35' below water surface</u></p> <p>Sample Time: <u>1230</u></p> <p>No. of Sample Containers: <u>1 Ziplock bag, 1 glass jar</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>_____</p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>Dennis Tsugawa., B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample containers and spoon. Diver placed sediment into containers and returned to boat with the collected sample. Sediment within grain size (ziplock) bag is of larger nature (gravel 1.5").</u></p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010503IW14SS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SP</u></p> <p>Description: <u>Poorly graded gravelly sand. Color is dark brown; saturated (standing water within container). Coarse to medium sand predominates 60%; gravel is fine (0.25") 30%; water/fines 10%.</u></p> <p>Decontamination Method: <u>None - dedicated stainless steel spoon.</u></p>	<p>Sample Location: <u>Pile #2 – Within Pile</u></p> <p>Sample Depth: <u>30' below water surface</u></p> <p>Sample Time: <u>1240</u></p> <p>No. of Sample Containers: <u>QA, Duplicate, MS & MSD</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td>1.</td><td>2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: <u>QA, duplicate, MS & MSD</u></p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>D. Tsugawa, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Collected MS/MSD/QA samples. Collected sample duplicate #010503IW15SS. Diver proceeded to river bottom from the boat with sample containers and spoon. Diver placed sediment into containers and returned to boat with the collected sample.</u></p> <p>_____</p> <p>_____</p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010503IW16SS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D/FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SP</u></p> <p>Description: <u>Poorly graded gravelly sand. Color is dark brown; saturated (standing water within container). Coarse to medium sand predominates 60%; gravel is fine (0.25") 30%; water/fines 10%.</u></p> <p>Decontamination Method: <u>None. Dedicated stainless steel spoon.</u></p>	<p>Sample Location <u>Pile #2 – west perimeter</u></p> <p>Sample Depth: <u>38' below water surface</u></p> <p>Sample Time: <u>1340</u></p> <p>No. of Sample Containers: <u>1 glass jar</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td>1.</td><td>2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: <u>N/A</u></p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>R. LaPlant., B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>General Comments: <u>Diver proceeded to river bottom from the boat with sample container and spoon. Diver placed sediment into container and returned to boat with the collected sample.</u></p> <p>_____</p> <p>_____</p>	
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010503IW17SS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D./FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SP</u></p> <p>Description: <u>Poorly graded gravelly sand. Color is dark brown; saturated (standing water within container). Coarse to medium sand predominates 60%; gravel is fine (0.25") 30%; water/fines 10%.</u></p> <p>Decontamination Method: <u>None - dedicated stainless steel spoon.</u></p>	<p>Sample Location <u>Pile #2 – Within Pile</u></p> <p>Sample Depth: <u>35' below water surface</u></p> <p>Sample Time: <u>1350</u></p> <p>No. of Sample Containers: <u>1 glass jar</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">1.</td><td style="width: 50%;">2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Diver collected sample with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>R. LaPlant., B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p> </p> <p> </p> <p> </p> <p> </p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p>	<p>General Comments: <u>Diver proceeded to river bottom from the boat with sample container and spoon. Diver placed sediment into container and returned to boat with the collected sample.</u></p> <p> </p> <p> </p>
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010503SBDS18SS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>SP-SM</u> Description: <u>Poorly graded medium sand with some gravel.</u> <u>Dark brown/gray; saturated (standing water within containers).</u> <u>Medium sand predominates (70%) some gravel</u> <u>10-20% and silt (10-15%). Gravel present up to 2" in</u> <u>diameter.</u> _____ _____ _____ _____ Decontamination Method: <u>None - dedicated stainless steel</u> <u>spoon.</u> _____ _____	Sample Location <u>Drain Outfall #2</u> _____ Sample Depth: <u>8' and 14' (not enough sediment @ 8')</u> Sample Time: <u>1540</u> No. of Sample Containers: <u>1 glass jar, 2 liter plastic for TBT</u> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">2.</td><td style="width: 50%;">2.</td></tr> <tr><td>4.</td><td>4.</td></tr> <tr><td>6.</td><td>6.</td></tr> <tr><td>8.</td><td>8.</td></tr> </tbody> </table> Other Field Measurements: <u>N/A</u> _____ QA/QC samples: <u>None</u> Sampling Method: <u>Diver collected sample with spoon.</u> Grab: <u>X</u> Composite: _____ Sampler (s): <u>R. LaPlant., B.P. McNamara, M. Novak</u> Signature: _____	Analyses		2.	2.	4.	4.	6.	6.	8.	8.
Analyses											
2.	2.										
4.	4.										
6.	6.										
8.	8.										

Water Quality Observations: _____ _____ _____ _____ _____ Invertebrate Sample Observations: <u>N/A</u> _____ _____ _____ _____ _____ General Comments: <u>Contains (sample does) algal-like material – greenish-brown, flaky, suspended). Diver moved</u> <u>to 14' below water surface (from 8') due to lack of sediment at 8'. Diver proceeded to river bottom from the boat with</u> <u>sample container and spoon. Diver placed sediment into container and returned to boat with the collected sample.</u> _____ _____
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010503SBDS19SS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny - 70°F</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>SP-SM</u> Description: <u>Poorly graded medium sand with some gravel.</u> <u>Dark brown/gray; saturated (standing water within containers).</u> <u>Medium-sand predominates (70%) some gravel 10-20% and</u> <u>silt (10-15%). Gravel present up to 2" in diameter.</u> Decontamination Method: <u>None - dedicated stainless steel</u> <u>spoon.</u>	Sample Location <u>Drain #1 (eastern drain outfall)</u> Sample Depth: <u>3' below water surface</u> Sample Time: <u>1605</u> No. of Sample Containers: <u>1 glass jar, 6 liter plastic for TBT</u> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> Other Field Measurements: <u>N/A</u> QA/QC samples: <u>MS, MSD, Duplicate</u> Sampling Method: <u>Diver collected sample with spoon.</u> Grab: <u>X</u> Composite: _____ Sampler (s): <u>R. LaPlant., B.P. McNamara, M. Novak</u> Signature: _____	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

Water Quality Observations: <u>Algal-like material present within water column. Material appears greenish-brown, 2 mm or smaller, planar-shaped, and is easily entrained with slight agitation.</u>
Invertebrate Sample Observations: <u>N/A</u>
General Comments: <u>Sample #010503SBDS20SS is the duplicate sample. Diver proceeded to river bottom from the boat with sample containers and spoon. Diver placed sediment into containers and returned to boat with the collected sample.</u>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Tissue</u>	Sample Number: <u>0105031W21TS</u>	Date: <u>5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Tissue (Bivalves)</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) _____</p> <p>Description: <u>See Invertebrate Sample observations below</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location <u>Background location (Goose Island).</u></p> <p>Sample Depth: <u>Various – from river bottom.</u></p> <p>Sample Time: <u>Various - collected on 5/3/1.</u></p> <p>No. of Sample Containers: <u>1 resealable bag</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>Measured length, width & weight</u></p> <p>_____</p> <p>QA/QC samples: <u>N/A</u></p> <p>Sampling Method: <u>Grab by diver</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>D. Tsugawa, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Invertebrate Sample Observations: <u>Collected 50 total bivalves (corbicula flumiea). Specimen shells were green-brown, were symmetrical, and were approximately the size of a quarter-dollar coin. Average sizes are as follows:</u></p> <p><u>Length 24.25 millimeters</u></p> <p><u>Width 16.39 millimeters</u></p> <p><u>Weight: scale became inoperable</u></p> <p>_____</p> <p>_____</p>
<p>General Comments: <u>Bivalves were collected over several hours while boat was anchored at Goose Island. Diver collected specimens from the river bottom and placed them (temporarily) in a dedicated plastic collection container. Diver returned the specimens to the boat where they were measured, wrapped in acetone-rinsed foil, triple-bagged, and placed on ice.</u></p> <p>_____</p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate (clams)</u>	Sample Number: <u>0105031W23TS</u>	Date: <u>5/1/01 to 5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: _____	Sample Matrix: <u>Tissue (Bivalves)</u>	Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>N/A</u></p> <p>Description: <u>See Invertebrate Sample observations below.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location: <u>Pile #2. Bivalves collected from various locations throughout pile.</u></p> <p>Sample Depth: <u>Various – collected throughout pile.</u></p> <p>Sample Time: <u>Various - collected from 5/1/1 to 5/3/1.</u></p> <p>No. of Sample Containers: <u>3 resealable bags</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>Measured length, width & weight</u></p> <p>_____</p> <p>QA/QC samples: <u>MS/MSD, Duplicate</u></p> <p>Sampling Method: <u>Grab by diver</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>Ben Dye, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p>
<p>Invertebrate Sample Observations: <u>Collected 215 total bivalves (corbicula flumiea). Specimen shells were green-brown, were symmetrical, and were approximately the size of a quarter-dollar coin. Average sizes are as follows:</u></p> <p><u>Length 23.10 millimeters</u></p> <p><u>Width 15.17 millimeters</u></p> <p><u>Weight 7.70 grams</u></p> <p>_____</p> <p>_____</p>
<p>General Comments: <u>Collected matrix spike (MS), matrix spike duplicate (MSD), and duplicate sample (sample #0105031W24TS). Samples collected by diver over course of three days (May 1-3, 2001). Diver collected specimens from the river bottom and placed them (temporarily) in a dedicated plastic collection container. Diver returned the specimens to the boat where they were measured, wrapped in acetone-rinsed foil, triple-bagged, and placed on ice.</u></p> <p>_____</p> <p>_____</p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate - Tissue</u>	Sample Number: <u>0105031W22TS</u>	Date: <u>4/30/01 to 5/3/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Rain - Intermittent</u>	Sample Matrix: <u>Tissue (Bivalves)</u>	
		Comments: <u>Collected QA sample</u>

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>N/A</u></p> <p>Description: <u>See Invertebrate Sample observations below.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location <u>Pile #2 Bivalves collected from various locations throughout pile.</u></p> <p>Sample Depth: <u>Various – collected throughout pile</u></p> <p>Sample Time: <u>Various – samples collected from 4/30 to 5/3</u></p> <p>No. of Sample Containers: <u>2 resealable bags</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>Measured length, width & weight.</u></p> <p>_____</p> <p>QA/QC samples: <u>Collected QA sample</u></p> <p>Sampling Method: <u>Grab by diver</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>R. LaPlant, B.P. McNamara, M. Novak</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Invertebrate Sample Observations:</p> <p><u>Collected 145 total bivalves (corbicula fluminea). Specimen shells were green-brown, were symmetrical, and were approximately the size of a quarter-dollar coin. Average sizes are as follows:</u></p> <p><u>Length 26.56 millimeters</u></p> <p><u>Width 16.47 millimeters</u></p> <p><u>Weight 19.44 grams</u></p> <p>_____</p> <p>_____</p>
<p>General Comments: <u>Collected QA sample #0105031W22TS. Samples collected by diver over course of four days.</u></p> <p><u>Diver collected specimens from the river bottom and placed them (temporarily) in a dedicated plastic collection container.</u></p> <p><u>Diver returned the specimens to the boat where they were measured, wrapped in acetone-rinsed foil, triple-bagged, and placed on ice.</u></p> <p>_____</p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Sediment</u>	Sample Number: <u>010504SBDS24SS</u>	Date: <u>5/4/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny, 65° F, windy</u>	Sample Matrix: <u>Sediment</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>SM</u></p> <p>Description: <u>Silty sand. Color is brown to dark brown; wet, no cementation. Grain size: medium to coarse sand (65-75%), silt (5%), organic material (20-35%). Organic material consists of grass vegetation, roots, dead leaves. Thin veneer of this sediment (< 6") on top of gravel and rock.</u></p> <p>Decontamination Method: <u>None - dedicated stainless steel spoon used.</u></p>	<p>Sample Location <u>Sandblast Building. Catch Basin #2 (western drain).</u></p> <p>Sample Depth: <u>< 6" below ground surface.</u></p> <p>Sample Time: <u>1500</u></p> <p>No. of Sample Containers: _____</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">1.</td><td style="width: 50%;">2.</td></tr> <tr><td>3.</td><td>4.</td></tr> <tr><td>5.</td><td>6.</td></tr> <tr><td>7.</td><td>8.</td></tr> </tbody> </table> <p>Other Field Measurements: <u>N/A</u></p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Grab with spoon.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>B.P. McNamara</u></p> <p>Signature: _____</p>	Analyses		1.	2.	3.	4.	5.	6.	7.	8.
Analyses											
1.	2.										
3.	4.										
5.	6.										
7.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Invertebrate Sample Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>General Comments: <u>Poor sample collected from the drain on 5/1/01 (mostly gravel and pebbles with the catch basin. USACE (P. Huebschman) requested we collect this sample from the low area surrounding the catch basin.</u></p> <p>_____</p> <p>_____</p>
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FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate - Tissue</u>	Sample Number: <u>0105031W28TS</u>	Date: <u>5/9/01 & 6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Tissue (Crayfish)</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>N/A</u></p> <p>Description: <u>See Invertebrate Sample observations below.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location: <u>Pile #1</u></p> <p>_____</p> <p>Sample Depth: <u>Various – collected throughout pile</u></p> <p>Sample Time: <u>Various – samples collected on 5/9/01 & 6/19/01</u></p> <p>No. of Sample Containers: <u>1 resealable bag</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">2.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>4.</td> <td>4.</td> </tr> <tr> <td>6.</td> <td>6.</td> </tr> <tr> <td>8.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>Measured claw length, abdomen length & weight.</u></p> <p>QA/QC samples: <u>None</u></p> <p>Sampling Method: <u>Baited (with canned tuna) crayfish traps.</u></p> <p>Grab: <u>X</u> Composite: _____</p> <p>Sampler (s): <u>B.P. McNamara, M. Novak, C.Moody</u></p> <p>Signature: _____</p>	Analyses		2.	2.	4.	4.	6.	6.	8.	8.
Analyses											
2.	2.										
4.	4.										
6.	6.										
8.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Invertebrate Sample Observations:</p> <p><u>Collected 6 total Crayfish (pacifastacus sp.). Specimens were dark red-brown. Average sizes are as follows:</u></p> <p><u>Weight: 10.8 grans</u></p> <p><u>Length: 7.2mm</u></p> <p><u>Claw: 3.1 mm</u></p> <p>_____</p> <p>_____</p>
<p>General Comments: <u>Samples collected on 5/9/01 and traps were rebaited due to low specimen numbers.</u></p> <p><u>URS returned on 6/19/1 to retrieve traps again. Specimens were removed from traps, measured, wrapped in acetone-rinsed foil, triple-bagged, and placed on ice.</u></p> <p>_____</p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate - Tissue</u>	Sample Number: <u>0105031W27TS</u>	Date: <u>5/9/01 & 6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Tissue (Crayfish)</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>N/A</u> Description: <u>See Invertebrate Sample observations below.</u> _____ _____ _____ _____ _____ _____ _____ _____ Decontamination Method: <u>N/A</u> _____ _____	Sample Location: <u>Pile #2</u> Sample Depth: <u>Various – collected throughout pile</u> Sample Time: <u>Various – samples collected on 5/9/01 & 6/19/01</u> No. of Sample Containers: <u>1 resealable bag</u> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr><td style="width: 50%;">3.</td><td style="width: 50%;">2.</td></tr> <tr><td>5.</td><td>4.</td></tr> <tr><td>7.</td><td>6.</td></tr> <tr><td>9.</td><td>8.</td></tr> </tbody> </table> Other Field Measurements: <u>Measured claw length,</u> <u>abdomen length & weight.</u> QA/QC samples: <u>QA sample sent to USACE lab by Battelle</u> <u>Laboratory.</u> Sampling Method: <u>Baited (with canned tuna) crayfish traps.</u> Grab: <u>X</u> Composite: _____ Sampler (s): <u>B.P. McNamara, M. Novak, C.Moody</u> Signature: _____	Analyses		3.	2.	5.	4.	7.	6.	9.	8.
Analyses											
3.	2.										
5.	4.										
7.	6.										
9.	8.										

Water Quality Observations: <u>N/A</u> _____ _____ _____ _____
Invertebrate Sample Observations: <u>Collected 17 total crayfish (pacifastacus sp.). Specimens were dark red-brown. Average sizes are as follows:</u> <u>Weight: 20.2 grams</u> <u>Length: 9.0 mm</u> <u>Claw: 4.5 mm</u> _____ _____
General Comments: <u>Samples collected on 5/9/01 and traps were rebaited due to low specimen numbers. URS</u> <u>returned on 6/19/1 to retrieve traps again. Specimens were removed from traps, measured, wrapped in acetone-rinsed foil,</u> <u>triple-bagged, and placed on ice.</u> _____

FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate - Tissue</u>	Sample Number: <u>0105031W29TS</u>	Date: <u>5/9/01 & 6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Tissue (Crayfish)</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>N/A</u> Description: <u>See Invertebrate Sample observations below.</u> _____ _____ _____ _____ _____ _____ _____ _____ Decontamination Method: <u>N/A</u> _____ _____ _____	Sample Location <u>Background – Goose Island</u> _____ Sample Depth: <u>Various – collected throughout pile</u> Sample Time: <u>Various – samples collected on 5/9/01 & 6/19/01</u> No. of Sample Containers: <u>1 resealable bag</u> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">4.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>6.</td> <td>4.</td> </tr> <tr> <td>8.</td> <td>6.</td> </tr> <tr> <td>10.</td> <td>8.</td> </tr> </tbody> </table> Other Field Measurements: <u>Measured claw length,</u> <u>abdomen length & weight.</u> QA/QC samples: <u>None.</u> Sampling Method: <u>Baited (with canned tuna) crayfish traps.</u> Grab: <u>X</u> Composite: _____ Sampler (s): <u>B.P. McNamara, M. Novak, C. Moody</u> Signature: _____	Analyses		4.	2.	6.	4.	8.	6.	10.	8.
Analyses											
4.	2.										
6.	4.										
8.	6.										
10.	8.										

Water Quality Observations: <u>N/A</u> _____ _____ _____ _____
Invertebrate Sample Observations: <u>Collected 3 total crayfish (pacifastacus sp.). Specimens were dark red-brown. Average sizes are as follows:</u> <u>Weight: 28.8 grams</u> <u>Length: 9.7 mm</u> <u>Claw: 3.4 mm</u> _____ _____ _____
General Comments: <u>Samples collected on 5/9/01 and traps were rebaited due to low specimen numbers. URS</u> <u>returned on 6/19/1 to retrieve traps again. Specimens were removed from traps, measured, wrapped in acetone-rinsed foil,</u> <u>triple-bagged, and placed on ice.</u> _____

FIELD SAMPLING DATA SHEET

Sample Type: <u>Invertebrate - Tissue</u>	Sample Number: <u>0105031W26TS</u>	Date: <u>5/9/01 & 6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Tissue (Crayfish)</u>	
		Comments: _____

<p>PID/FID Backgd: <u>N/A / N/A</u> ppm</p> <p>Head Space <u>N/A / N/A</u> ppm</p> <p>P.I.D/FID Calibration Standard: <u>N/A</u></p> <p>P.I.D./FID Calibration Date : <u>N/A</u></p> <p>Soil Type: (USCS) <u>N/A</u></p> <p>Description: <u>See Invertebrate Sample observations below.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Decontamination Method: <u>N/A</u></p> <p>_____</p> <p>_____</p>	<p>Sample Location: <u>Pile #2</u></p> <p>_____</p> <p>Sample Depth: <u>Various – collected throughout pile</u></p> <p>Sample Time: <u>Various – samples collected on 5/9/01 & 6/19/01</u></p> <p>No. of Sample Containers: <u>3 resealable bags</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">5.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>7.</td> <td>4.</td> </tr> <tr> <td>9.</td> <td>6.</td> </tr> <tr> <td>11.</td> <td>8.</td> </tr> </tbody> </table> <p>Other Field Measurements: <u>Measured claw</u> <u>length, abdomen length & weight.</u></p> <p>QA/QC samples: <u>MS/MSD, Duplicate 010509IW30TS</u></p> <p>Sampling Method: <u>Baited (with canned tuna) crayfish traps.</u></p> <p>Grab: _____ Composite: <u>X</u></p> <p>Sampler (s): <u>B.P. McNamara, M. Novak, C.Moody</u></p> <p>Signature: _____</p>	Analyses		5.	2.	7.	4.	9.	6.	11.	8.
Analyses											
5.	2.										
7.	4.										
9.	6.										
11.	8.										

<p>Water Quality Observations: <u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Invertebrate Sample Observations:</p> <p><u>Collected 33 total crayfish (pacifastacus sp.). Specimens were dark red-brown. Average sizes are as follows:</u></p> <p><u>Weight: 18.2 grams</u></p> <p><u>Length: 71.5 mm</u></p> <p><u>Claw: 35.1 mm</u></p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>General Comments: <u>Samples collected on 5/9/01 and traps were rebaited due to low specimen numbers.</u></p> <p><u>URS returned on 6/19/1 to retrieve traps again. Specimens were removed from traps, measured, wrapped in acetone-rinsed foil, triple-bagged, and placed on ice.</u></p> <p>_____</p>

FIELD SAMPLING DATA SHEET

Sample Type: <u>SPMD</u>	Sample Number: <u>010619RQ01</u>	Date: <u>6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Semipermeable Membrane Device</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm _____ P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>N/A</u> Description: <u>Semipermeable Membrane Device</u> _____ _____ _____ _____ _____ _____ _____ _____ Decontamination Method: <u>N/A</u> _____ _____	Sample Location: <u>Pile #2 - West Perimeter</u> _____ Sample Depth: _____ Sample Time: <u>1400</u> No. of Sample Containers: <u>1 Canister</u> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">6.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>8.</td> <td>4.</td> </tr> <tr> <td>10.</td> <td>6.</td> </tr> <tr> <td>12.</td> <td>8.</td> </tr> </tbody> </table> Other Field Measurements: _____ _____ QA/QC samples: <u>Quality Assurance Sample</u> Sampling Method: <u>2 week deployment in river attached to anchor/buoy system</u> Grab: _____ Composite: <u>X</u> Sampler (s): <u>B.P. McNamara, M. Novak, C.Moody</u> Signature: _____	Analyses		6.	2.	8.	4.	10.	6.	12.	8.
Analyses											
6.	2.										
8.	4.										
10.	6.										
12.	8.										

Water Quality Observations: <u>N/A</u> _____ _____ _____ _____ _____ Invertebrate Sample Observations: _____ _____ _____ _____ _____ _____ General Comments: <u>Medium Biofouling (green brown organic file) on SPMD.</u> <u>Quality Assurance Sample sent to USACE Laboratory by Battelle Laboratory</u>

FIELD SAMPLING DATA SHEET

Sample Type: <u>SPMD</u>	Sample Number: <u>010619RQ05</u>	Date: <u>6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Semipermeable Membrane Device</u>	
	Comments: _____	

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>N/A</u> Description: <u>Semipermeable Membrane Device</u> Decontamination Method: <u>N/A</u>	Sample Location: <u>Pile #1</u> Sample Depth: _____ Sample Time: <u>1535</u> No. of Sample Containers: <u>1 Canister</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">7.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>9.</td> <td>4.</td> </tr> <tr> <td>11.</td> <td>6.</td> </tr> <tr> <td>13.</td> <td>8.</td> </tr> </tbody> </table> Other Field Measurements: _____ QA/QC samples: _____ Sampling Method: <u>2 week deployment in river attached to anchor/buoy system</u> Grab: _____ Composite: <u>X</u> Sampler (s): <u>B.P. McNamara, M. Novak, C.Moody</u> Signature: _____	Analyses		7.	2.	9.	4.	11.	6.	13.	8.
Analyses											
7.	2.										
9.	4.										
11.	6.										
13.	8.										

Water Quality Observations: <u>N/A</u>	
Invertebrate Sample Observations:	
General Comments: <u>Medium Biofouling (green brown organic film) on SPMD.</u>	

FIELD SAMPLING DATA SHEET

Sample Type: <u>SPMD</u>	Sample Number: <u>010619RQ06</u>	Date: <u>6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Semipermeable Membrane Device</u>	
	Comments: _____	

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm <hr/> P.I.D./FID Calibration Standard: _____ <u>N/A</u> P.I.D./FID Calibration Date : _____ <u>N/A</u> Soil Type: (USCS) _____ <u>N/A</u> . Description: <u>Semipermeable Membrane Device</u> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> Decontamination Method: <u>N/A</u> <hr/> <hr/> <hr/>	Sample Location: <u>Background Location, Goose Island</u> <hr/> Sample Depth: _____ Sample Time: _____ <u>1600</u> No. of Sample Containers: <u>1 Canister</u> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th colspan="2" style="text-align: center; padding: 5px;">Analyses</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">8.</td><td style="padding: 5px;">2.</td></tr> <tr><td style="padding: 5px;">10.</td><td style="padding: 5px;">4.</td></tr> <tr><td style="padding: 5px;">12.</td><td style="padding: 5px;">6.</td></tr> <tr><td style="padding: 5px;">14.</td><td style="padding: 5px;">8.</td></tr> </tbody> </table> </div> <hr/> Other Field Measurements: _____ <hr/> QA/QC samples: _____ Sampling Method: <u>2 week deployment in river attached to anchor/buoy system</u> <hr/> Grab: _____ Composite: _____ <u>X</u> Sampler (s): _____ <u>B.P. McNamara, M. Novak, C.Moody</u> Signature: _____	Analyses		8.	2.	10.	4.	12.	6.	14.	8.
Analyses											
8.	2.										
10.	4.										
12.	6.										
14.	8.										

Water Quality Observations: N/A

Invertebrate Sample Observations:

General Comments: Low Biofouling (green brown organic film) on SPMD.

FIELD SAMPLING DATA SHEET

Sample Type: <u>SPMD</u>	Sample Number: <u>010619RQ02</u>	Date: <u>6/19/01</u>
Project: <u>Bradford Island</u>	Project Number: <u>52-00080001.00</u>	Task: <u>00004</u>
Weather Conditions: <u>Sunny</u>	Sample Matrix: <u>Semipermeable Membrane Device</u>	
		Comments: _____

PID/FID Backgd: <u>N/A / N/A</u> ppm Head Space <u>N/A / N/A</u> ppm P.I.D/FID Calibration Standard: <u>N/A</u> P.I.D./FID Calibration Date : <u>N/A</u> Soil Type: (USCS) <u>N/A</u> Description: <u>Semipermeable Membrane Device</u> Decontamination Method: <u>N/A</u> 	Sample Location: <u>Pile #2</u> Sample Depth: _____ Sample Time: <u>1600</u> No. of Sample Containers: <u>1 Canister</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Analyses</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;">9.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>11.</td> <td>4.</td> </tr> <tr> <td>13.</td> <td>6.</td> </tr> <tr> <td>15.</td> <td>8.</td> </tr> </tbody> </table> Other Field Measurements: _____ QA/QC samples: <u>Field Blank, Field /Duplicate</u> Sampling Method: <u>2 week deployment in river attached to anchor/buoy system</u> Grab: _____ Composite: <u>X</u> Sampler (s): <u>B.P. McNamara, M. Novak, C.Moody</u> Signature: _____	Analyses		9.	2.	11.	4.	13.	6.	15.	8.
Analyses											
9.	2.										
11.	4.										
13.	6.										
15.	8.										

Water Quality Observations: <u>N/A</u>
Invertebrate Sample Observations:
General Comments: <u>Medium Biofouling (green brown organic film) on SPMD.</u> <u>Field Duplicate: 010619RQ03, Field Blank: 010619RQ04</u>